

1018 Rec'd PCT/PTO 22 JAN 2002

FORM PTO-1390 (REV. 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			136.169 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/048137
INTERNATIONAL APPLICATION NO. PCT/FR00/02121	INTERNATIONAL FILING DATE 21 July 2000 (21.07.00)	PRIORITY DATE CLAIMED 22 July 1999 (22.07.99)	
TITLE OF INVENTION Server for Controlling Telecommunication and/or Computer Equipment Using Short Messages of Stationary or Mobile Telephones			
APPLICANT(S) FOR DO/EO/US COLLETTE, Christian			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>			

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U.S. APPLICATION NO. 10/048137		INTERNATIONAL APPLICATION NO. PCT/FR00/02121		ATTORNEY'S DOCKET NUMBER 136.169	
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21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a) (2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY	
				\$	890.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	6 -20 =	0	x \$18.00	\$	0.00
Independent claims	1 -3 =	0	x \$80.00	\$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	0.00
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	0.00
TOTAL FEES ENCLOSED =				\$	\$890.00
				Amount to be refunded:	\$
				charged:	\$

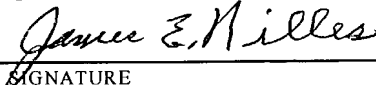
a. ☒ A check in the amount of \$ 890.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
 overpayment to Deposit Account No. 14-1080. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO: James E. Nilles Nilles & Nilles, S.C. Firstar Center, Suite 2000 777 East Wisconsin Avenue Milwaukee, WI 53202	<div style="text-align: center;">  SIGNATURE </div> <div style="text-align: center;"> <u>James E. Nilles</u> NAME </div> <div style="text-align: center;"> <u>16,663</u> REGISTRATION NUMBER </div>
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

National Phase of PCT/FR00/02121

International Filing Date: 21 July 2000

Inventor: Christian Collette

Title: *Server for Controlling Telecommunication and/or Computer Equipment Using Short Messages of Stationary or Mobile Telephones*

Priority: French Application No. 99/09553; Filed 22 July 1999

Attorney Docket 136.169

Customer No. 023907

PRELIMINARY AMENDMENT

DO/EO/US
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Preliminary Amendment is directed to a new U.S. application as identified above.

Please enter this preliminary amendment prior to calculating the fees.

Please amend the application as follows:

IN THE SPECIFICATION

Page 1, after the title insert the heading -- BACKGROUND OF THE
INVENTION --; and the subheading -- 1. Field of the Invention --;

between lines 14 and 15, insert the subheading -- 2. Discussion of the Related
Art --;

Page 3, between lines 28 and 29, insert the heading -- OBJECTS AND SUMMARY
OF THE INVENTION --;

Page 5, before line 1, insert the heading -- BRIEF DESCRIPTION OF THE
DRAWINGS --.

Page 5, between lines 11 and 12, insert the heading -- DESCRIPTION OF THE
PREFERRED EMBODIMENTS --.

IN THE CLAIMS

Please amend the claims as modified during international preliminary examination
under Article 34 as follows:

3. (Amended) Control system comprising a device according to claim 1, characterized
in that it comprises a plurality of telecommunications terminals 911, 13A, 13B) capable of
sending short messages (SMS or UUS messages) conveying command parameters addressed to
said server (40) for the activation and/or programming of said telecommunications and/or
computer equipment or pieces of equipment.

6. (Amended) Control system according to claim 3, characterized in that the short
messages may be pre-programmed in the terminals.

IN THE ABSTRACT

Please substitute the attached Abstract for the Abstract as filed.

REMARKS

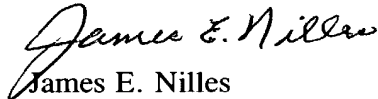
A marked-up version of the changes made to the specification and claims by the current
amendment is attached and entitled *Version With Markings Showing Changes Made*.

This application has been amended to insert headings in the specification, to eliminate
the multiple dependencies in claims 3 and 6 as modified under Article 34, and to conform the

Preliminary Amendment - Christian Collette
Attorney Docket 136.169
Page 3

Abstract in accordance with preferred U.S. Patent Office practice. Entry of the amendments
and early consideration and allowance are respectfully requested.

Respectfully submitted,


James E. Nilles

Registration No. 16,663

Date: January 22, 2002

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Preliminary Amendment - Christian Collette
Attorney Docket 136.169
Page 4

ABSTRACT

A server for controlling telecommunications and/or computer equipment having a digital transmission link to the equipment. The server can receive and interpret short messages (SMS or UUS messages) including commands and send the commands to the telecommunications or computer equipment through the digital transmission link.

Preliminary Amendment - Christian Collette
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Version With Markings to Show Changes Made

3. (Amended) Control system comprising a device according to claim 1 [or 2], characterized in that it comprises a plurality of telecommunications terminals 911, 13A, 13B) capable of sending short messages (SMS or UUS messages) conveying command parameters addressed to said server (40) for the activation and/or programming of said telecommunications and/or computer equipment or pieces of equipment.

6. (Amended) Control system according to [one of the claims 3 to 5] claim 3, characterized in that the short messages may be pre-programmed in the terminals.

4/PRTS

SERVER FOR THE CONTROL OF TELECOMMUNICATIONS AND/OR
COMPUTER EQUIPMENT USING THE SHORT MESSAGES OF
FIXED OR MOBILE TELEPHONES

5

The invention relates to a server for controlling telecommunications and/or computer equipment using the short messages of fixed or mobile telephones.

10 The telecommunications equipment may be an automatic branch exchange capable of performing an automatic call-back function by which a user outside his company can be called back at the company's expense in order to communicate with a correspondent using his telephone terminal.

The computer equipment may be an item of home automation or interactive equipment.

15 Hitherto, it has been possible to obtain remote access to telecommunications and/or computer services, especially for private installations, by means of a telephone or a data terminal that can get connected to a voice and/or data server of the company through the switched telephone network (STN).

20 Access to the telecommunications and/or computer services is obtained by voice access means that are slow or by complex connections, using modems for example.

Figure 1 illustrates an exemplary system according to the prior art. In this system, a private entity EP is shown. This private entity contains a set of user telephone units 10 connected to a private automatic branch exchange 20. The automatic branch exchange is connected to a switched telephone network R1 as well as to a voice and/or data server 40 by means of a telephone line LT. The private automatic branch exchange is also connected by a CTI link referenced L to a CTI server (i.e. a computer-telephony integration server) 30.

30 A remote user (who may not have a telephone unit 10 connected to the private automatic branch exchange) will therefore use his telephone 11 or his data terminal 12, in this system, to access the company's voice and/or data server 40 through the network R1. When access is obtained, the server asks the user to enter the sequence appropriate to the requested service. The server 40 sends on this

sequence to the CTI server that is capable of conducting the requisite programming operation in the private automatic branch exchange 20.

If the requested service is an operation of call forwarding from the user's telephone unit, then the call to the user's unit will be forwarded to the number
5 given by said user by means of his telephone unit 11 or a data terminal 12.

For example, in the case of a remote command for call forwarding from the telephone unit attached to a private automatic branch exchange (PABX).

To perform this function with the system that has just been described, two methods may be considered:

- 10 - access to a voice server or,
- access by modem, Internet or Minitel.

According to the function, when the person is outside the company, he will
be able to carry out remote call forwarding from the telephone unit in the company
to the number of his GSM terminal so that calls sent to his telephone unit in the
15 company can be received on his GSM terminal.

In the case of voice access, the user must call the number of the voice server in the company from a telephone. One possible sequence is the following:

- the company's voice server is called,
- the voice server takes the call and requests the user to key in the
20 following by means of a DTMF (dual-tone modulation frequency) sequence:
- the number of the user's telephone unit in the company (for example keying in four DTMF keys of the telephone keypad),
- a personal password in order to authenticate the user (for
25 example four DTMF keys),
- the type of forwarding desired, cancellation of forwarding or request for forwarding (one or two DTMF keys),
- the forwarding number to which the calls intended for the telephone in the company will be forwarded,
- 30 - the telephone unit is disconnected and the call is taken into account.

In this method, the user will take about 90 seconds to enter the information and carry out this function.

In case of data access in general (using a modem, Minitel or Internet access), the user must get connected with the terminal appropriate to the server in

the company. One possible sequence is as follows:

- the user connects to the company server and an entry page is proposed to the user to be filled in with the following information:
 - the number of the user's telephone unit in the company (for example the keying in of four digits)
 - a personal password in order to authenticate the user (for example four digits),
 - the type of call forwarding desired, cancellation of forwarding or request for forwarding (several choices),
 - the call forwarding number to which the calls sent to the company telephone unit will be forwarded,
- the data terminal is disconnected and the call is taken into account.

In this method, the user will take about 90 seconds to enter the information and carry out this function.

The aim of the invention is to enable faster access to a telecommunications and/or computer service. This is obtained by means of a system using short messages to convey command parameters addressed to the server.

These messages can be sent by telecommunications terminals such as mobile telephony terminals for which the short message service (SMS) will be used or else by means of fixed telephone terminals using the integrated services digital network (ISDN), the messages being then sent according to the User-to-User Signalling (UUS) standard.

Advantageously, the messages could be pre-programmed in the telecommunications terminals.

Thus, through the use of short messages from a telephone terminal, the use of the telecommunications and/or computer services of an operator or of a private entity are easy and quick. The ISDN and GSM terminals for example can be advantageously used within the framework of this invention.

According to the present invention, the proposed system, which is given by way of an example, enables much faster access since the user can use a mobile telephone 11 or a telephone terminal 13A or a data terminal 13B, in using the GSM mobile telephony network or the ISDN digital transmission network to gain direct access to the server terminal.

The command parameters of the desired service will be conveyed in the

form of short messages according to the GSM mobile telephony standard, namely the SMS standard or according to the digital transmission standard of an ISDN standard which is the UUS standard.

5 An object of the invention more particularly is a server for controlling telecommunications and/or computer equipment comprising a digital transmission link to said equipment, chiefly characterized in that it comprises means for the reception and interpretation of short messages (SMS or UUS messages) including commands and means for sending said commands to said telecommunications or computer equipment through said digital transmission link.

10 The invention also pertains to a control device comprising a server as described here above and at least one piece of telecommunications and/or computer equipment controlled by said server, characterized in that the piece of computer equipment is a piece of home automation equipment or, the command received by the server (40) being sent by a telecommunications terminal (11 or 13A or 13B), a
15 piece of interactive equipment capable, in return, of sending short messages to said server addressed to the terminal (11 or 13A or 13B) that has sent the command.

The invention also relates to a control device comprising a server as described here above and at least one piece of telecommunications and/or computer equipment controlled by said server, the command received by the server being
20 sent by a telecommunications terminal, characterized in that the command includes a call number of a telecommunications terminal, in that the telecommunications equipment is an automatic branch exchange comprising means to call back the terminal that is the sender of the short message and means for linking said sender terminal with the telecommunications terminal identified by said call number.

25 Finally, the invention relates to a control system comprising a device as described, characterized in that it comprises a plurality of telecommunications terminals capable of sending short messages (SMS or UUS messages) conveying command parameters addressed to said server for the activation and/or programming of said telecommunications and/or computer equipment or pieces of
30 equipment.

According to one characteristic of the invention, the terminals are mobile telephony terminals, the short messages being SMS messages or ISDN digital terminals, the short messages being UUS messages.

The short messages may be pre-programmed in the terminals.

Other particular features and advantages of the invention shall appear more clearly from the following description given by way of a non-restrictive example, with reference to the appended drawings of which:

- Figure 1, which has already been described, is the drawing of a system of access to telecommunications and computer services according to the prior art and,
- Figure 2 is the drawing of a system of access to telecommunications and computer services according to an application of the present invention
- Figure 3 is the drawing of a system of access to telecommunications and computer services according to another application of the present invention;
- Figure 4 is a drawing of a system of access to telecommunications and computer services according to a third application of the present invention.

The system taken as an example and shown in figure 2 therefore comprises a telephone installation EP (a private installation in this example) fitted out with several telephone units connected to an automatic branch exchange 20.

The automatic branch exchange 20 is connected by a telephone line LT to the switched telephony network STN, bearing the reference R1 in the drawing. Furthermore, this automatic branch exchange 20 is connected by a CTI link L to the CTI server 30.

The CTI server 30 is connected to a remote terminal 40 known as a control server. The communications between the remote terminal and the CTI server are obtained by means of a digital transmission line according to the TCP/IP protocol.

The remote server 40 is accessible through the mobile telephony networks R2 or the ISDN digital data transmission network R3. This access can be achieved respectively by means of telecommunications terminals such as mobile telephony stations 11 or telephony terminals 13A or data transmission terminals 13B.

A remote user will use his mobile telephony station 11 for the dispatch, according to the invention, of an SMS short message directly to the remote server terminal which will interpret it to order the implementation of the requested service. The CTI server 30 will then transmit this request to the automatic branch exchange (PABX) 20 through the appropriate protocol of the CTI link. Calls to the user's telephone unit 10 will therefore be forwarded to the number indicated by said user.

Thus, a user will use the short message sending function of his GSM terminal to be able to activate the requested service, especially to drive the

operation of remote call forwarding from a company telephone unit to the number of his GSM for example.

A user can advantageously pre-program the short-message requests for the forwarding of calls to his GSM terminal and call up this function at the desired
5 time through the menu of the short message service.

Thus, a short message is sent from the GSM terminal to the remote server terminal 40 which is capable of receiving these short messages. This terminal reads the short message and interprets it. The short message takes the form of a sequence of information fields needed for the activation of the requested service.
10 This action takes only a few seconds, the time needed to send the SMS short message from the GSM terminal.

In the case of a telephone unit call-forwarding operation, a short message will be constituted, for example, by fields containing the following command parameters separated as the case may be by a neutral field (of the * type):

- 15 - the number of the user's telephone unit in the company (for example four digit keying-in),
- a personal password in order to authenticate the user (for example four digits),
- the type of call forwarding desired (in the form of a code corresponding
20 to the activated or deactivated forwarding function),
- the forwarding number to which the calls intended for the company
telephone unit are sent.

The short message is sent to the number of the remote server 40.

The following is an example of a short message:

25 9191*1234*2*1234567890*.

The remote server 40 may also use a function offered by the present-day telephony services for the identification of the caller to identify the user and therefore know the number of the user's telephone in the company. In this case, the short message will not contain the number of the user's telephone unit and will
30 then be of the following type: **1234*2*1234567890*.

Thus, according to the system just described, the user will take about 10 seconds to send the information and carry out the forwarding function.

The remote server terminal 40 may acknowledge the request received. In this case, the server will send a short acknowledgement message to the terminal 11 or 13A, 13B.

We have just seen a detailed view of the way in which the system enables the high-speed remote configuration of call forwarding for a telephone unit attached to a private automatic branch exchange of a company.

Some other services may thus be obtained. Indeed, it is possible to have the automatic call-back service through which a user who is outside his company can get called back at the company's expense to communicate with a correspondent by means of his telephone terminal.

This service is provided as follows by using the system shown in figure 3.

A GSM telecommunications terminal 11 or ISDN terminal 13A or 13B sends the short message to the server 40, which is installed for example in a private entity EP. Only the example of the GSM terminal 11 is shown in this figure 2 so as not to overburden it. The short message will consist for example of fields containing the following command parameters separated as the case may be by a neutral field (of the * type):

- the user's personal code (six digits for example) designed to validate the user's rights to the automatic call-back service,
- the number of the telecommunications terminal 14 to be called, or a name if the server 40 has an incorporated directory.

The server 40, equipped with means for identifying the caller, knows the source of the short message, namely the number of the terminal 11 from which this message has been sent. The server 40 verifies that the user's personal code tallies with the caller's number. If the tallying is verified, the server 40 actuates the automatic branch exchange 20 of the private entity, through the CTI server 30, in order to call the caller who immediately takes the connection since he has just sent the short message (Arrow 1).

The server 40 again actuates the automatic branch exchange 20 in order to make a double call and then a call transfer to the called party (Arrow 2) identified by the number of the telecommunications terminal 14 to be called, indicated in the short message. This transfer links the caller with the called party. The telecommunications terminal 14 may be connected to the STN as shown in the figure, the mobile telephony network or the ISDN.

This invention can also be applied to telecommunications services such as the remote modification of a personal electronic diary by the sending of a short message containing the modification command parameters, by means of a GSM or ISDN telecommunications terminal.

5 This invention can also be applied to the field of home automation applications for example to the remote control of the starting or shutting down of a boiler in a dwelling, the activation of a sprinkler or generally the control of any piece of home automation equipment.

10 In this case, by using the system shown in figure 4, the control server 40, which for example will be a microcomputer (PC), is connected to the home automation equipment 50 by a digital transmission link 60. A GSM telecommunications terminal 11 or ISDN terminal 13A or 13B sends a short message to the server 40, installed for example in a dwelling H. The short message will consist for example of fields containing the following command parameters,
15 possibly separated by a neutral field (of the * type):

- the user's personal code (six digits for example) designed to validate the rights to use of the home automation service,
- a field indicating the command related to the service: activation of the boiler 50 = 1; deactivation = 0, etc.

20 Similarly, interactive systems may be actuated by a server that receives short messages for controlling such systems. In this case, the interactive system may also send out short messages to the sender of the short command message through the server.

MODIFIED CLAIMS

1. Server (40) for controlling telecommunications and/or computer equipment comprising a digital transmission link to said equipment, characterized in that it comprises means for the reception and interpretation of short messages (SMS or UUS messages) including commands and means for the sending of said commands to said telecommunications or computer equipment through said digital transmission link, in that the command(s) received by the server (40) are sent by a telecommunications terminal (11 or 13A or 13B), in that the command(s) include a call number of a telecommunications terminal (14), in that the equipment comprises means to call back the terminal (11 or 13A or 13B) that is the sender of the short message and means for linking said sender terminal (11 or 13A or 13B) with the telecommunications terminal (14) identified by said call number.
2. Control device comprising a server according to claim 1, characterized in that the telecommunications and/or computer equipment is a piece of interactive equipment capable, in return, of sending short messages to said server addressed to the terminal (11 or 13A or 13B) that has sent the command.
3. Control system comprising a device according to claim 1 or 2, characterized in that it comprises a plurality of telecommunications terminals (11, 13A, 13B) capable of sending short messages (SMS or UUS messages) conveying command parameters addressed to said server (40) for the activation and/or programming of said telecommunications and/or computer equipment or pieces of equipment.
4. Control system according to claim 3, characterized in that the terminals are mobile telephony terminals, the short messages being SMS messages.
5. Control system according to claim 3, characterized in that the terminals are ISDN digital terminals, the short messages being UUS messages.
6. Control system according to one of the claims 3 to 5, characterized in that the short messages may be pre-programmed in the terminals.

The invention relates to a server for controlling telecommunications and/or computer equipment comprising a digital transmission link to said equipment. According to the invention, the server comprises means for the reception and interpretation of short messages (SMS or UUS messages) including commands and means for the sending of said commands to the telecommunications or computer equipment through the digital transmission link.

10 **Figure 2**

FIG. 1

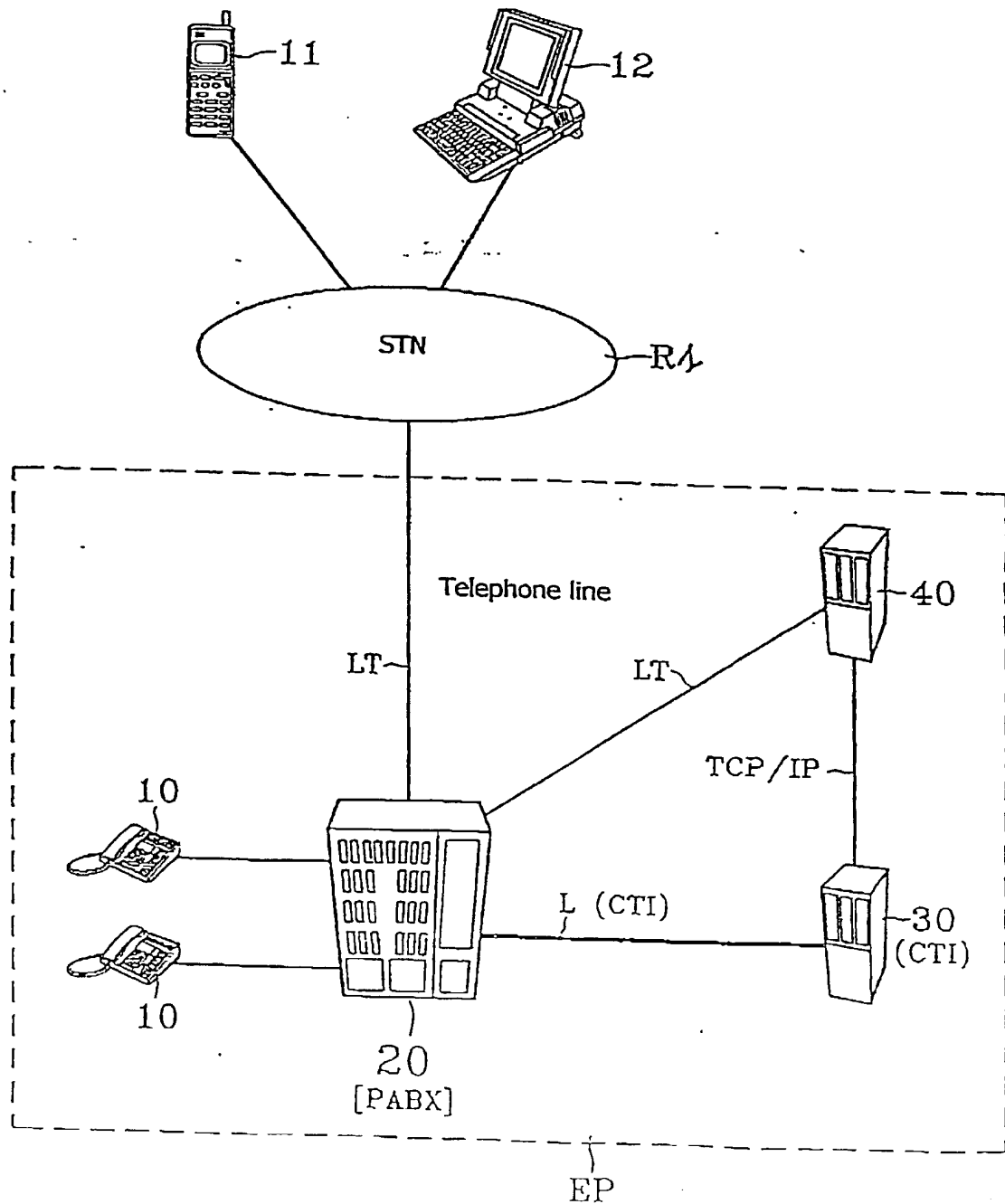


FIG. 2

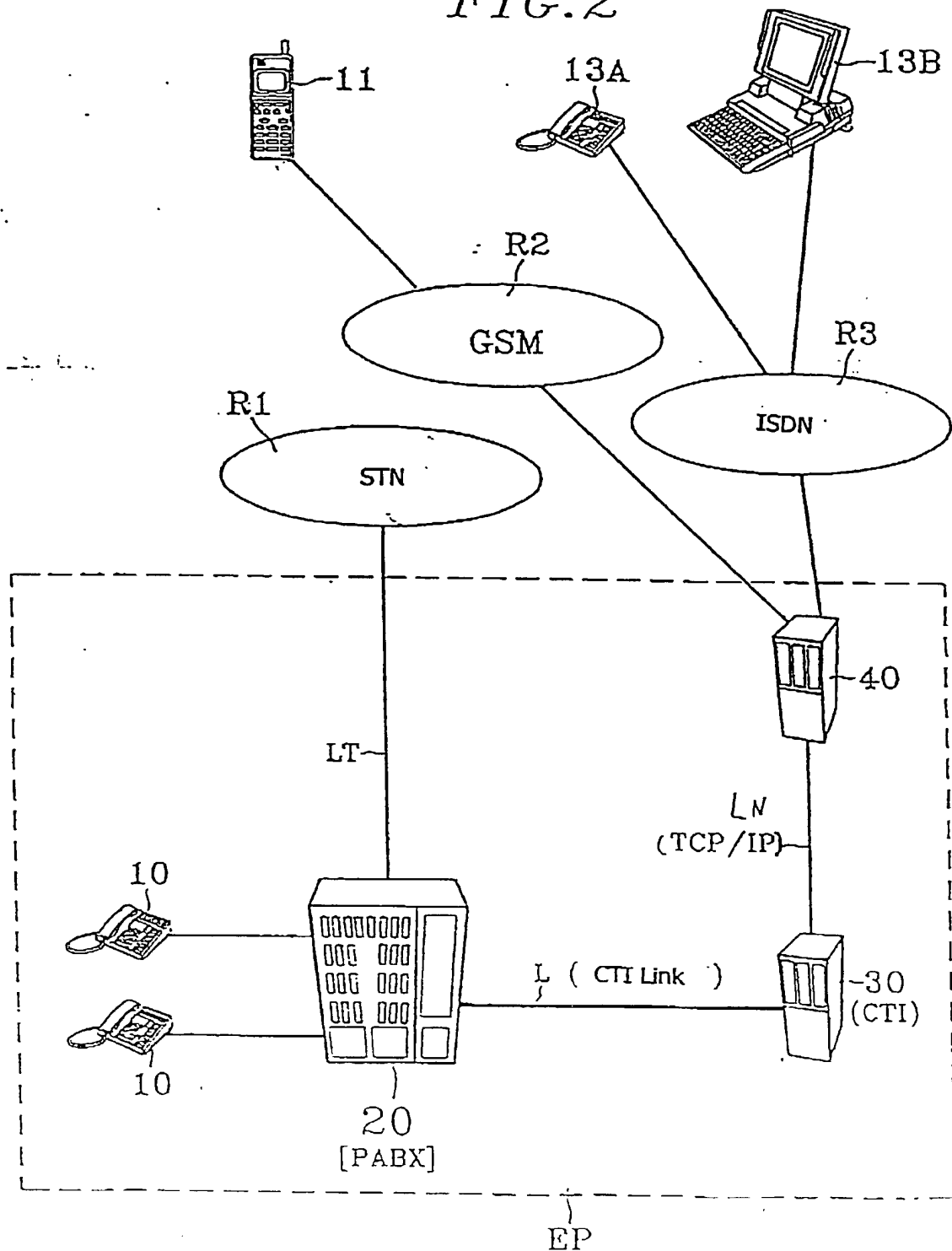


FIG. 3

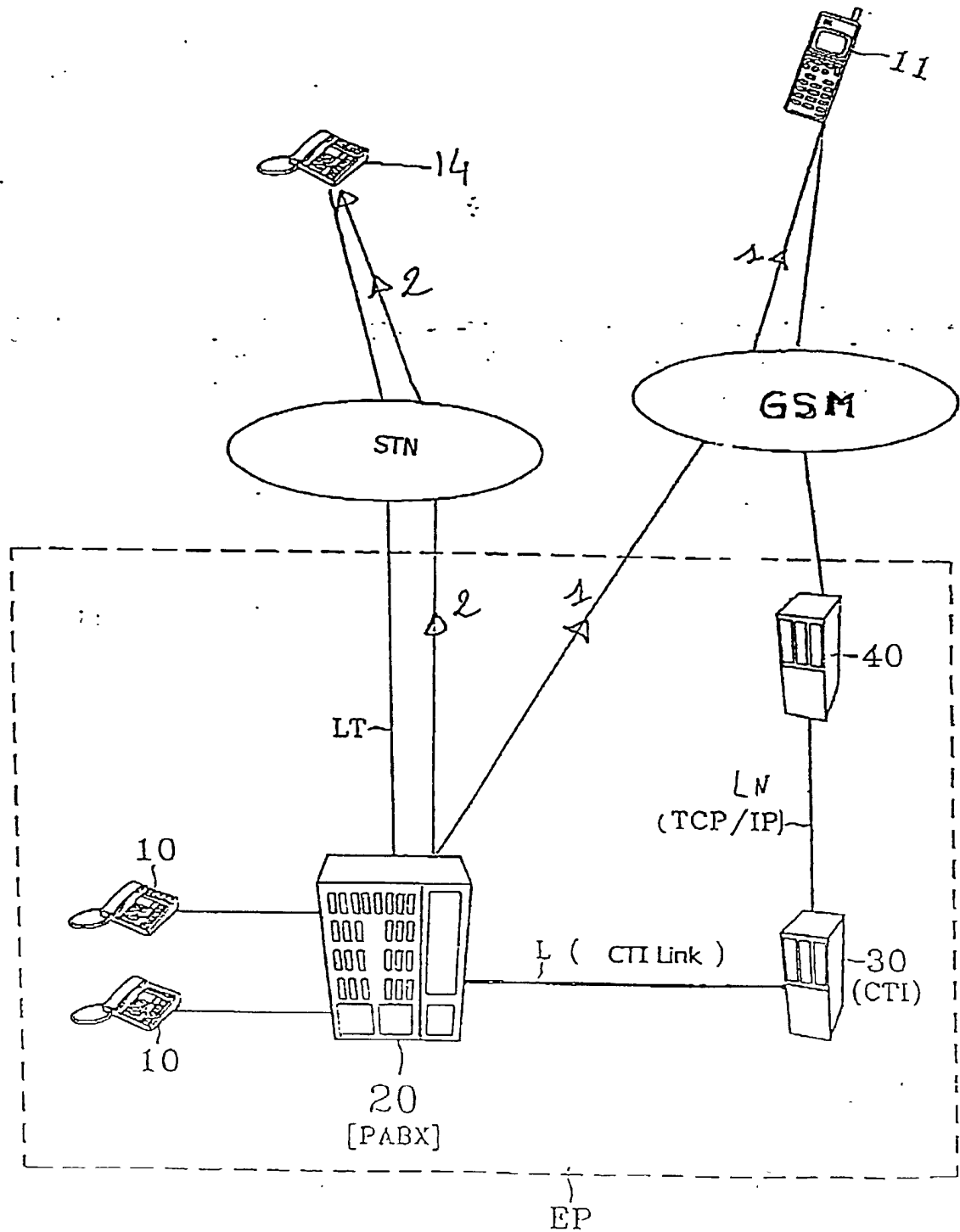
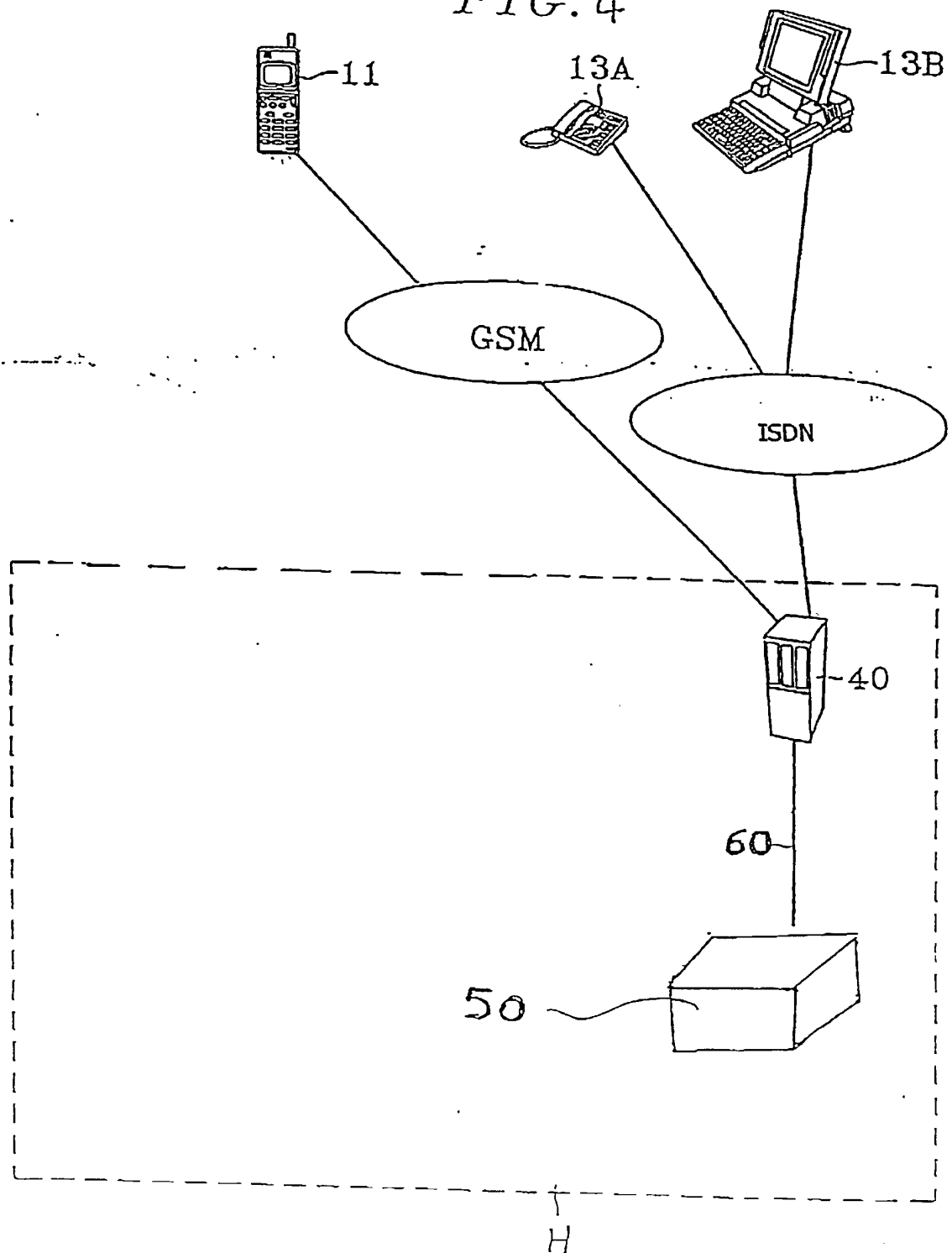


FIG. 4



DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

- ☐ Declaration Submitted with Initial Filing
OR
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number: 136.169
First Named Inventor: Christian COLLETTE
COMPLETE IF KNOWN
Application Number: 10/048 137
Filing Date: January 22, 2002
Group Art Unit: _____
Examiner Name: _____

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which

- ☐ is attached hereto
OR

- ☒ was filed on July 21, 2000 as United States Application Number or PCT International Application Number 10/048 137 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	Priority Not Claimed	Certified Copy Attached?
<u>99 09553</u> (Number)	<u>FRANCE</u> (Country)	<u>July 22, 1999</u> (Month/Day/Year Filed)
<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)
<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)
<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
_____ (Application Number)	_____ (Month/Day/Year Filed)	

DECLARATION - Utility or Design Patent Application

Inventor(s): Christian COLLETTE

Title: Server for the control of telecommunications and/or computer equipment using the short messages of fixed or mobile telephones

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application(s)

PCT/FR00/02121

(Number)

July 21, 2000

(Month/Day/Year Filed)

(Patent Number (if applicable))

(Number)

(Month/Day/Year Filed)

(Patent Number (if applicable))

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first & middle [if any]) & Family Name/Surname: Christian COLLETTE

Inventor's Signature: [Signature]

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Inventor's Signature: _____

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